

ABSTRACT

IMPROVEMENTS RELATING TO IMAGE CAPTURE SYSTEMS

- 5 An electronic image capture apparatus is disclosed comprising: an
electronic camera ~~(2)~~ having a detector ~~(3)~~, a lens ~~(4)~~ having a field of
view which is adapted to limit the radiation incident upon the detector to
that within the field of view, an actuator ~~(7)~~ for moving the field of view
across the document, ⁵⁰ a control means ~~(20)~~ for controlling the actuator to
10 move the camera across the document so as to obtain a set of overlapping
sub-images corresponding to different areas of the document, and
electronic processing means adapted to receive the set of sub-images
produced by the camera and to process the sub-images ³⁰ to form a
composite image of the portion of the document covered by the set of sub-
15 images. A set of processable sub-image files are produced which each
comprise a data set of characters corresponding to characters appearing in
a respective sub-image in the set and the relative location of the characters ⁵⁰
in that sub-image. The contents of each of the processable sub-image files
are stitched into a blank text document by applying logical operators to
20 the data in the files to produce a complete composite text document
containing data indicative of the textual content of the scanned document. ⁴⁸

To be accompanied when published by Figure 1 of the drawings.